

SNAPPER RIDING MOWER

MODELS

2652 - 2652S - 2681 - 2681S - 3081W - 3081WS - 3010W - 3010WS

IMPORTANT SAFETY INSTRUCTIONS

WARNING: Failure to comply with the following instructions may result in serious injury to the operator or other persons. The owner of the mower must understand these instructions and, furthermore, must allow only persons who understand these instructions to operate the mower. Any person operating the mower must be of sound mind and body and must not be under the influence of any substance which might impair vision, dexterity, or judgement.

TRAINING

1. Read this Manual carefully and question your dealer if something is not clear. Should the dealer be unavailable or unable to answer to your satisfaction, write or call our Customer Service Department at the factory. Be thoroughly familiar with the controls and proper use of the equipment.
2. If this is your first time to operate a Snapper Riding Mower, take a few practice runs over the terrain you intend to mow WITHOUT THE CUTTER ENGAGED. After you have developed confidence in your ability to operate all controls, engage the cutter and start mowing.
3. Never allow children to operate a power mower.
4. Do not carry passengers. Keep the area of operation clear of all persons, particularly small children and pets.
5. Do not perform maintenance or make adjustments to mower with engine running. Refer to engine manual for adjustments.

PREPARATION

1. Never operate mower without proper guards, plates, safety switches, or other safety protective devices in place and properly connected. Inspect to determine that these safety devices are installed properly, are in good repair, and operate properly. If the condition or operation of these safety devices are questionable, they must be repaired or replaced before using the mower.
2. Thoroughly inspect the area where the mower is to be used and remove all stones, sticks, wire, bones and other foreign objects. Also note the location of holes, stumps, and other possible hazards.
3. Do not operate mower when barefoot or wearing open sandals. Always wear substantial footwear and long pants.
4. Fill gasoline tank before starting engine. Use approved gasoline container. Do not smoke near open gasoline container. Do not fill gasoline tank indoors or when engine is running. Allow engine to cool for at least ten minutes before refilling. Wipe off any spilled gasoline before starting engine. Do not run engine

indoors.

5. When mowing over rough ground or in tall grass, mower must be set in highest cutting position.
6. Mow only in daylight or in good artificial light.
7. Never operate the mower under conditions where traction or stability is doubtful.

OPERATION

1. Disengage cutter (shift to OUT) and place shift handle in NEUTRAL/PARK before attempting to start engine or before leaving operating position for any reason including emptying grass catcher.
2. Do not change engine governor settings or overspeed engine. Operate the engine at the slowest speed that will cut satisfactorily.
3. Do not put hands or feet near or under rotating parts. Keep feet next to pedals on foot pads while in operating position. NEVER PLACE FOOT ON DECK OR GROUND while cutter is engaged and/or mower is in motion.
4. Keep clear of discharge while cutter is engaged. Disengage cutter, stop engine, and make certain blade has stopped before attempting to unclog discharge or grass chute.
5. After striking a foreign object or if mower vibrates abnormally, disengage the cutter, stop the engine, thoroughly inspect the mower for any damage, and repair the damage.
6. Disengage cutter when transporting mower or when crossing gravel surfaces and under any conditions where thrown objects might be a hazard.
7. Do not leave the mower unattended without disengaging the cutter, shifting to NEUTRAL/PARK, lowering the cutter, stopping the engine, and removing the key.
8. Mount and dismount mower from the left hand side, opposite the discharge.
9. Always begin forward motion with the shift handle in the No. 1 speed position. Use the clutch to shift in and out of neutral. Do not operate the mower when you are not in the seat.
10. Use the auxiliary brake (right pedal) when starting up slopes to prevent the mower

— Continued on Page 2 —

SAFETY INSTRUCTIONS —

fram rolling before the clutch is engaged. The clutch/brake (left pedal) must be depressed to stop the mower while in motion. NOTE: Actuation of the auxiliary brake alone will NOT stop the mower.

11. Reduce speed on steep slopes and in sharp turns to prevent tipping or loss of control. Exercise extreme caution when changing directions on steep slopes. Mow down slopes in excess of 10 degrees; never across or up.
12. Unless instructions furnished with grass catching attachments are followed, stability problems may be encountered. Read and follow instructions furnished with the attachments.
13. Stay alert for holes and other hidden hazards. Keep at a safe distance from ditches, culverts, similar depressions, and protruding obstacles.
14. Watch out for traffic when crossing or near roadways. Do not allow anyone near mower while in operation. Never direct discharge toward bystanders, into roadways, or toward any property that could be damaged by thrown objects.
15. Do not mow in reverse unless absolutely necessary and only after careful and continuous observation of the ENTIRE area behind the mower.
16. Use care when pulling loads. Limit loads to those you can safely control. Attach loads to

hitch plate or as specified with Snapper attachments.

MAINTENANCE AND STORAGE

1. Keep all nuts, bolts, and screws tight to be sure mower is in safe working condition.
2. Check brakes periodically and adjust, repair, or replace as necessary. Service brake must stop mower safely from full speed. Auxiliary brake and parking brake must hold mower on slopes. Spindle brake must stop blade in 7 seconds or less.
3. Never start mower with gasoline in the tank inside of a building where fumes may reach an open flame or spark. Allow engine to cool before starting in any enclosure.
4. To reduce fire hazard keep mower free of grass, leaves or excessive grease.
5. Check grass catcher assembly frequently for wear or deterioration. Replace parts as required.
6. Have your mower inspected and serviced each year by an authorized Snapper dealer. Determine if any additional devices are available which might upgrade the safety of your mower.
7. Factory specified Snapper replacement parts must be used to assure adequate protection against injury.

THANK YOU FOR BUYING A SNAPPER PRODUCT!

We have designed and built this machine with utmost care, and it is intended to give you long and satisfactory service.

Any mechanical device can be potentially dangerous if not used properly. No accident prevention program can be successful without the wholehearted co-operation of the person who is directly responsible for the operation of the equipment. Study this operator's manual to learn the operation of the controls and observe all safety precautions. Only use this machine for the purpose it is intended. By following these instructions and safety precautions you should enjoy the long and trouble free operation you expect.

MANUFACTURER'S 90 DAY LIMITED WARRANTY

For Ninety (90) days from purchase date for a non-commercial user, or for Thirty (30) days from purchase date for a commercial user, McDONOUGH POWER EQUIPMENT, INC., through any factory authorized service dealer, will replace for the original purchaser, free of charge, any part or parts found upon examination by the factory at McDonough, Georgia, to be defective in material or workmanship or both.

All transportation cost incurred by the purchaser in submitting material to an authorized service dealer for replacement under this warranty must be borne by the purchaser.

This warranty does not apply to engines and their components, as these items are warranted separately by their manufacturers. Neither does it apply to parts that have been damaged by accident, alteration, abuse, improper lubrication, normal wear, or other cause beyond our control.

There is no other express warranty.

Implied warranties, including those of merchantability and fitness for a particular purpose, are limited to ninety (90) days from purchase for non-commercial users, and for thirty (30) days from purchase for commercial users and to the extent permitted by law any and all implied warranties are excluded. This is the exclusive remedy. Liabilities for consequential damages under any and all warranties are excluded.

Some states do not allow limitations on how long an implied warranty lasts or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

WARNING: Use of replacement parts other than genuine SNAPPER parts may impair the safety of your mower and will void our warranty.

IMPORTANT: THIS WARRANTY IS VOID UNLESS THE WARRANTY CARD ATTACHED IS FILLED OUT COMPLETELY AND MAILED TO McDONOUGH POWER EQUIPMENT, INC., McDONOUGH, GEORGIA 30253, WITHIN TEN (10) DAYS OF PURCHASE DATE.

ASSEMBLY, OPERATION, SERVICE MANUAL AND PARTS LIST

1. ASSEMBLY

STEERING WHEEL:

1. Install steering wheel using two tapered head bolts, Item No. 26, two 1/4 internal tooth lock washers, Item No. 21, and two 1/4-28 hex nuts, Item No. 25, on Page 11. NOTE: Insert bolts in opposite directions through shaft, install and tighten nuts on each then tap bolt heads to make sure they are fully seated and tighten again as required.

GRASS DEFLECTOR:

1. Install grass deflector, Item No. 37, using three 1/4-28 x 3/4 HHCS, Item No. 38, one fender washer, Item No. 39, three 1/4 internal tooth lock washers, Item No. 35, three 1/4 SAE washers, Item No. 36, and three 1/4-28 hex nuts, Item No. 34, Page 9.

STEERING LINK:

1. Connect right hand steering link, Item No. 18, using one 3/8 washer, Item No. 9, two bearing halves, Item Nos. 7, and 29, and one 3/16 x 3/4 cotter pin, Item No. 10, Page 11.

SEAT:

1. Install seat, Item No. 56, using one 1/2-13 x 3/4 HHCS, Item No. 52, and one 1/2 lock washer, Item No. 51, Page 7. Tighten securely.

BATTERY: (ELECTRIC START MODELS ONLY)

1. Service battery according to instructions supplied with battery.
2. Place under seat with terminals toward the rear of the machine.
3. Connect wires to battery terminals with negative side to ground. Position insulator over positive terminal.
4. When battery is removed pull insulator to battery end of positive cable.

TIRES:

1. Inflate front tires to 20 psi.; rear tires to 25 psi.

2. OPERATIONS:

FILL ENGINE WITH OIL:

1. For engines not equipped with dip stick, fill the oil sump to overflowing. (Until oil flows from oil fill hole). Oil must be poured very slowly to insure complete filling.
2. For engines equipped with dip stick, do not fill past FULL mark.
3. In order to avoid costly engine repair, it is imperative that the oil be checked at frequent intervals and the oil level be properly maintained.

FILL FUEL TANK:

1. Use clean, fresh, "UNLEADED" automotive gasoline.

DO NOT MIX OIL WITH GASOLINE.

STARTING ENGINE:

1. Read entire operator's manual, the engine manual, and become familiar with all controls before starting engine.
2. Shift transmission to "NEUTRAL/PARK" position.
3. Shift cutter to "out" position.
4. Set throttle-choke control per engine manual.

5. Turn key switch to ON position and start engine.
6. The mower is equipped with an interlock system that prevents starting of engine unless the shift handle is set to NEUTRAL/PARK and the blade is disengaged (shifted to OUT).

FORWARD MOTION:

1. Depress the left foot pedal (clutch/breaker pedal) and the right foot pedal (auxiliary breaker pedal), move shift lever to speed No. 1 and slowly release the left pedal. When mower starts to move, release the right foot pedal. Speed may now be varied without using the clutch.
2. Always use the clutch to shift out of neutral.
3. Always begin forward motion in speed No. 1.

NOTE: Excessive pressure on the clutch/breaker pedal will reduce ease of shifting.

REVERSE MOTION:

1. Some or forward motion except shift lever must be held in reverse.
2. Always use the clutch to shift in and out of reverse.

ROLL:

1. Shift the transmission to roll when the machine is to be moved without the use of the engine.
2. The transmission may be shifted from the park to roll position or from roll to park position without depressing the clutch/breaker pedal.

STOPS:

1. The machine may be stopped by depressing the clutch/breaker pedal all the way down.
2. Caution: Depressing the auxiliary brake pedal will not stop the mower when it is running under engine power.
The auxiliary brake pedal is used to prevent the mower from rolling on sloped surfaces while releasing the clutch/breaker pedal.
3. Vary the speed of the machine with the shift lever, not the auxiliary brake.
4. The engine may be stopped by turning the key switch to the OFF position or moving the throttle control to the STOP position.

5. As a safety precaution, if stops and starts must be made going up steep inclines, shift cutter to out position, place shift lever in No. 1 speed position, idle engine, depress right foot pedal, slowly release left foot pedal. Release right foot pedal as mower starts to move.

CUTTER UNIT:

1. Cutting height is changed by moving the lift handle, Item 20, Page 8. There are 7 different lift positions, ranging between 1 and 4 inches.
2. Cutting height may be changed at any time.
3. To engage cutter unit, slowly move the cutter handle from the OUT to the IN position.
4. The cutter should be engaged only while the operator is in operating position. Disengage cutter before dismounting or transporting machine.

3. ADJUSTMENTS

CLUTCH:

The clutch linkage has been designed so that with initial factory adjustment, the driven disc wear is

accommodated throughout its useful life. Replace disc when worn to $1/32$ — $1/16$ inch rubber thickness. Do not tamper with linkage if mower does not pull at this point. Replace driven disc.

In the event someone tampers with the factory adjustment, the linkage can be checked as follows:

1. Remove driven disc and install an adjusting gauge, which can be made from a driven disc with the "as new" radius of 3 inches on half the circumference and a $2\frac{3}{4}$ inch radius ground on the other half.
2. Depress clutch pedal and shift to second speed.
3. Adjust clutch rod guide until the $2\frac{3}{4}$ inch radius clears driving disc .005/.010 inch.
4. Rotate gauge 180 degrees and fully depress clutch pedal until brakes are applied. Check to see that the 3 inch radius clears driven disc by $1/32$ inch minimum with the sliding chain case pushed lightly against yoke lift. This assures that driven disc will be pulled down from driving disc when clutch is disengaged.

CUTCH AND BRAKE PEDAL:

Control cables should have slight amount of slack with clutch and brake pedals released and with shift handle in neutral. This can be checked by seeing that the clutch rod slides to the rear end of the slot in the clutch rod guide. Adjust by shifting cable stops as required through keyhole in brake and clutch pedal.

CUTTER DRIVE BELT:

The spring loaded idler maintains proper belt tension throughout the effective belt life.

Adjust main tube when idler pulley causes the belt to rub together behind the spindle pulley or when belt slipping occurs. Main tube adjustment is accomplished as follows:

1. Loosen clamp under seat spring and pull the main tube forward until inside surface of the cutter drive belt has approximately 1 inch running clearance measured at the idler pulley with cutter unit engaged.
2. Check to see if control cable has a slight amount of slack with clutch and brake pedal released and with shift handle in neutral, as discussed in paragraph above.

Belt replacement is accomplished as follows:

1. Remove spindle guard cover and remove belt from spindle pulley.
2. Stand mower on end (refer to "Storage") with shift handle in neutral.
3. Pull belt from behind drive disc. Reach behind slide and pull clutch rod for maximum disc clearance. Roll belt between drive and driven disc. Pull belt between driven disc and belt guide and remove from transmission case.
4. Reverse procedure to install new belt.

CUTTER SPINDLE REMOVAL:

If it is necessary to remove and re-assemble the spindle housing, the housing must be plumbed to the cutter deck to obtain an equal distance between the blade tip and deck. This is accomplished by locating the housing flange correctly to the deck, using the clearance holes for the capscrews for alignment. Tighten securely using self-locking nuts.

DECK ADJUSTMENT:

The cutter blade has been factory adjusted for one inch minimum cutting height. After a period of time wear in the linkage may require re-adjustment. Correct procedure is as follows — taking all measurements to the same blade tip:

1. Park mower on level and even floor or surface.
2. Inflate tires to proper pressure.
3. Move lift handle to lowest position to remove spindle cover.
4. Swing blade tip to front and adjust to 1 inch by adjusting timing link that connects the front and rear lift arms. Shortening this link one half turn of the rod end raises the front end approximately $1/8$ inch.
5. Adjust blade tip cutting edge to $1\frac{5}{8}$ inch at rear. On models having the two separate swinging chain arms, Item 17, adjust by bending the arms up or down as required. On models with tubular chain arm structure, Item 73, adjust by turning chain adjusting nuts, Item 75, clockwise to raise or counter-clockwise to lower as required. Maintain level deck from side to side when adjusting.
6. Turn blade to the front and rear of machine. The 26" and 30" blade should be from $1/2$ to $3/4$ inch higher at rear than front when measured on same blade tip.

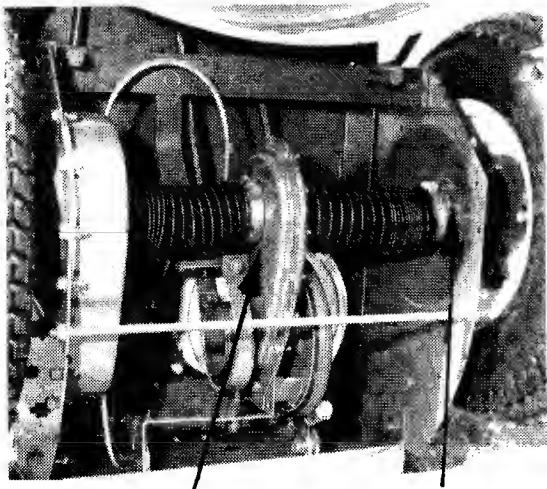
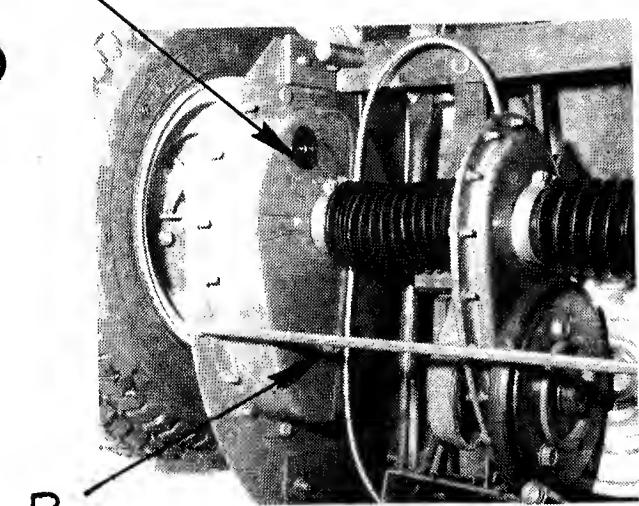
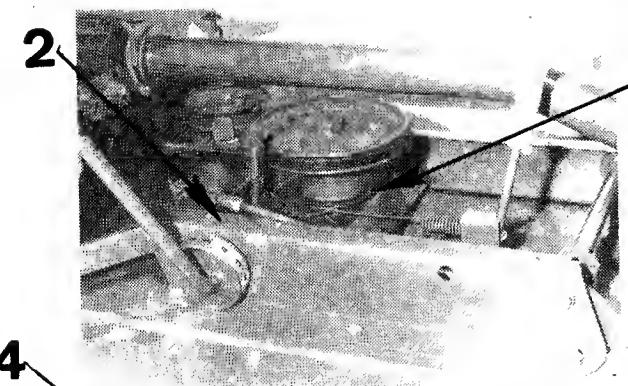
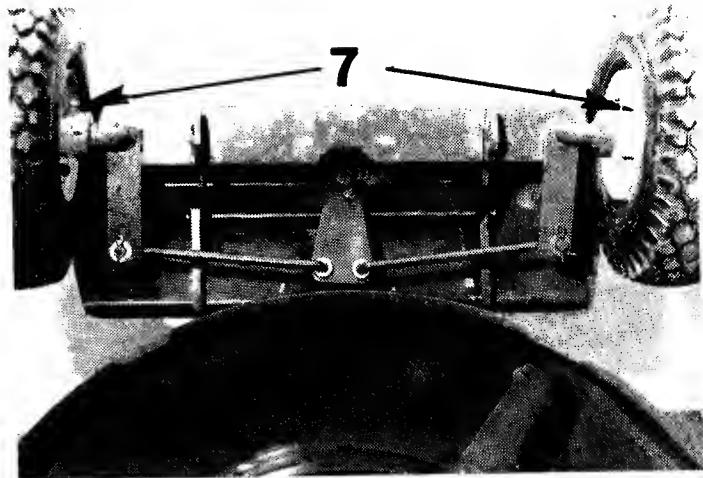
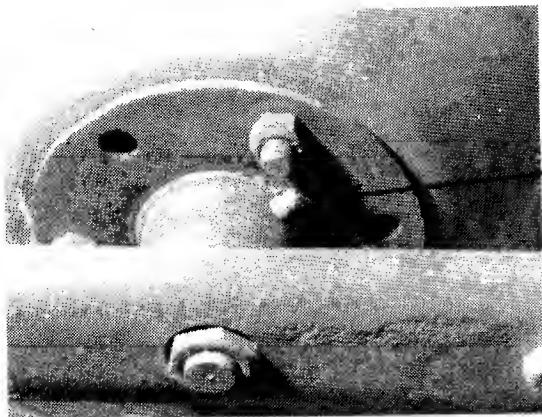
SPINDLE BRAKE:

The spindle brake, Item No. 55, Page 8, is factory adjusted to stop the blade from rotating within 3 to 5 seconds after the blade is disengaged. The brake may need re-adjusting after a period of time. To check brake, the operator should be sitting on mower with engine running. Engage blade, disengage blade. If belt continues to turn after 5 seconds, stop engine and remove spindle cover. Disconnect wire link, Item No. 56, Page 8, from spindle brake and connect wire link in one of the extra holes in brake to apply more tension to brake. The wire link must be positioned to meet two conditions: First, the blade must stop safely. Second, the idler pulley, when disengaged must rotate far enough so that the outer rim of pulley is within $1/2$ inch of the spindle cover.

4. STORAGE:

The mower may be set on end for servicing or storage within the following limitations:

1. **CAUTION: On electric starter units, remove battery before the mower is stood on end.**
2. For winter storage, always drain oil and gasoline. Refer to engine manual for proper procedure to follow.
3. After storing on end, the following procedure is required before starting machine. With ignition switch turned off, pull engine over slowly. If excessive resistance is felt or engine refuses to rotate, remove spark plug and spin engine to clear cylinder of oil. Clean and replace spark plug.



LUBRICATION INSTRUCTIONS

1. The spindle incorporates sealed precision ball bearings that require infrequent lubrication. More than two shots of grease from a pressure gun per cutting season may damage bearing seals.
2. Height adjusting cams are lubricated with medium cup grease after removing spindle cover. Twice a year is sufficient.
3. Lubricate idler arm twice a year with a few drops of SAE 30 oil at each point of wear.
4. The differential is factory lubricated with 12 ounces of Snapper 00 grease. At the end of each cutting season stand machine on end and remove plug "B". Add Snapper 00 grease, if necessary, to bring lubricant level to bottom of hole "B". See Note 2 below.
5. The sliding chain case is factory lubricated with 2 ounces of Snapper 00 grease. Remove plug and add 1 ounce of grease at the end of each cutting season. See Note 2 below. **Do not over lubricate sliding chain case.**
6. Lubricate shift lever with 2 shots of grease from a pressure gun twice a year.
7. The front wheel and axle bearings take ten shots of grease from a pressure gun after the first 25 hours of operation, and then 2 shots of grease every 25 hours thereafter.
8. Lubricate the left hand axle bearings with 2 shots of grease from a pressure gun every 25 hours of operation.
9. The engine should be serviced according to the engine manual supplied with the machine. NOTE: Changing oil every 25 hours of operation is recommended as a minimum.
10. Remove excessive amounts of grease, oil, dirt, and grass regularly for added machine life.
11. Keep grass clippings and dirt from building up on engine fins to prevent over heating and engine damage.

NOTES: 1. Snapper 00 grease, Part No. 1-1050, is specially compounded for this application and is available from your Snapper dealer.

2. Due to loss of sealing properties upon its removal, plug "B", Part No. 1-1024, should be replaced with a new part each time the grease level is checked.

REAR WHEELS, TRANSMISSION AND VARIABLE SPEED DRIVE

Qty.	Part No.	Description	Part No.	Description	
Qty.	Item	Description	Item	Description	
Qty.	Part No.	Description	Item	Description	
1.	1-0153	Cap	46.	1-089B	Name Plate
2.	3-0798	Bumper	47.	9-035B	5/16-24 x 2-1/2 Hex Head Cap Screw
2.	1-0210	Key	48.	3-1100	Tube Clamp
4.	5-0169	Drive Disc Assembly, 30" Comet	49.	9-0480	5/16-24 Flange Lock Nut
4.	5-0272	Drive Disc Assembly, 26" Comet	50.	1-0333	Grommet
1.	1-1000	Drive Disc	51.	9-0509	1/2 Internal Tooth Lock Washer
1.	1-1001	Hub	52.	9-0507	1/2-13 x 3/4 HHCS, Grade 5
1.	1-0987	Pulley, 26" Comet	53.	9-0324	Seat Spring
1.	1-1002	Pulley, 30" Comet	54.	9-0324	3/16 x 1 Hex Head ST. Screw
5.	4-2568	Main Case	55.	3-1087	Washer (Tecumseh Engine)
6.	1-0638	Grip	56.	1-9519	Seat
6.	4-0284	Shift Handle	57.	1-0989	Bearing
7.	5-0681	M.P.E. Switch Assembly (Used with 4-0410 Shift Defent only)	58.	1-8082	Clamp Ring
9.	1-1021	Clevis Pin	59.	2-1127	12 Tooth, 12 Pitch Gear
10.	4-0410	Shift Defent	60.	2-1126	Pinion Spacer
11.	9-0037	3/2 x 3/4 Cotter Pin	61.	1-1072	Flange Washer
12.	3-1036	Thrust Washer	62.	1-8060	Gasket
13.	1-0754	Spring	63.	1-0992	Boot
14.	1-2633	Mount Clutch Wire	64.	1-0988	Washer
15.	4-0341	Shift Handle Arm	65.	2-1129	Sprocket
16.	1-1821	Spring	66.	1-0941	Chain
17.	9-0367	Lug Bolt	67.	3-7279	Case
18.	5-0714	Wheel and Tire Assembly, 26"	68.	1-1024	Plastic Plug
	1-2162	Rim	69.	1-1037	Boat Clamp
	1-0524	Tire	70.	1-0111	Boot
	1-0525	Tube	71.	1-1070	Tie Rod
	1-2234	Valve Stem	72.	5-0618	Drive Tube Assembly
18.	5-0713	Wheel and Tire Assembly, 30" Comet	73.	1-1071	Nylon Washer
	1-2163	Rim	74.	1-0942	Needle Bearing
	1-1097	Tire	75.	1-1086	Nylon Thrust Washer
	1-2134	Valve Stem	76.	4-0355	Hub and Sprocket Str.
	1-2101	5/16-24 Lock Nut GR5	77.	1-8059	Gasket
19.	1-1013	Wheel Bolt, R.H. Axle Bolt	78.	3-7278	Caver, Left Hand
	1-1817	Oil Seal	79.	1-1121	Belleville Washer
20.	1-0969	5/16 Flange Lock Nut	80.	2-0916	Hub
21.	4-0433	Right Hand Wheel Hub	81.	1-0765	Driven Disc
22.	1-0433	Thrust Washer	82.	9-0361	5/16-18 x 5/B HWST
23.	1-09225	5/16-24 Nut	83.	9-0356	5/8-18 Hex Lock Nut
24.	9-0223	Seal Cap, R.H.	84.	2-0984	Washer
25.	3-1732	Fender, R.H.	85.	1-0916	Split Spacer
26.	3-1042	Differential Plate	86.	5-0253	Brake Lever Assembly
27.	3-7280	5/16-24 x 1-5/8 HH Lock Cap Screw	87.	1-0756	Bearing
28.	9-0359	(Use one time only. Replace if disassembled)	88.	1-0614	Woodruff Key
	1-0964	Short Axle Assembly	89.	1-0940	Sprocket and Shaft
33.	1-0266	Spacer	90.	1-1010	Shift Link, Short
34.	1-2296	Retaining Ring	91.	4-7313	Cover, Right Hand
30.	3-079	Thrust Washer	92.	2-0908	Roller
31.	3-104	Differential Plate	93.	3-7291	Cross Brace
32.	5-0278	Short Axle Assembly	94.	1-1016	Nylon Bearing
	1-0965	Long Axle Assembly	95.	4-0340	Shift Arm
35.	2-1158	63T, 10P Gear	96.	1-1017	Shift Link, Long
36.	1-1782	5/16 Belleville Washer	97.	9-0909	Grease Fitting
37.	2-1128	Spacer	98.	3-7285	Fender, Left Hand
38.	1-0964	Gear, 11T, 10P	99.	1-0967	Seal Cap, Left Hand
39.	1-0965	Retaining Ring	100.	1-1035	Axle Bolt, Left Hand
40.	1-042	Idler Bolt	101.	4-0434	Hub, Left Hand
41.	1-1156	5/16 "O" Ring	102.	1-1035	Hub Cap
42.	9-0395	5/16 Internal Tooth Lock Washer	103.	1-1052	5 Qt. Tank and Cap Assembly
43.	9-0362	1/4-20 x 5/8 Self Tapping Screw	104.	5-0753	Front Bracket
44.	1-1166	Seal Ring	105.	3-9553	Bearing Spacer
	3-1063	Hitch Plate	106.	1-2272	Shim Washer
			107.	1-1857	
				5-0807	Battery
				1-1859	Positive Wire Assembly
				5-0807	Negative Wire Assembly

MAJOR ASSEMBLIES

1 Differential Assembly
1 Primary Chain Case Assembly
1 Transmission

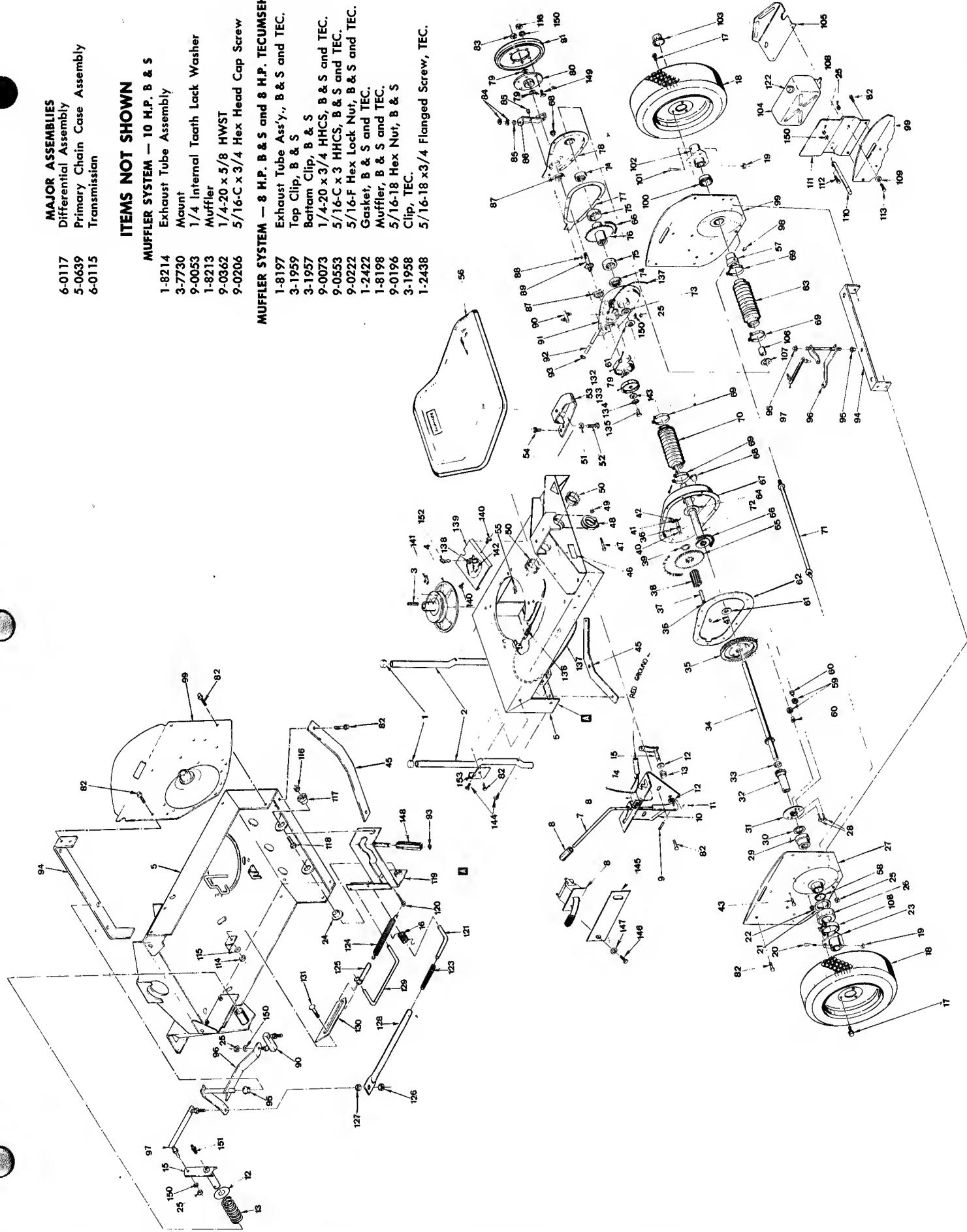
ITEMS NOT SHOWN

MUFFLER SYSTEM — 10 H.P. B & S

1-8214 Exhaust Tube Assembly
3-7730 Mount
9-0053 1/4 Internal Tooth Lock Washer
1-8213 Muffler
1-9362 1/4-20 x 5/8 HWST
5/16-C x 3/4 Hex Head Cap Screw

MUFFLER SYSTEM — 8 H.P. B & S and 8 H.P. TECUMSEH

1-8197 Exhaust Tube Ass'y., B & S and TEC.
3-1959 Top Clip, B & S
3-1957 Bottom Clip, B & S
9-0073 1/4-20 x 3/4 HHCS, B & S and TEC.
9-0553 5/16-C x 3 HHCS, B & S and TEC.
9-0222 5/16-F Hex Lock Nut, B & S and TEC.
1-2422 Gasket, B & S and TEC.
1-8198 Muffler, B & S and TEC.
9-0196 5/16-18 Hex Nut, B & S
Clip, TEC.
3-1938 5/16-18 x 3/4 Flanged Screw, TEC.
1-2438

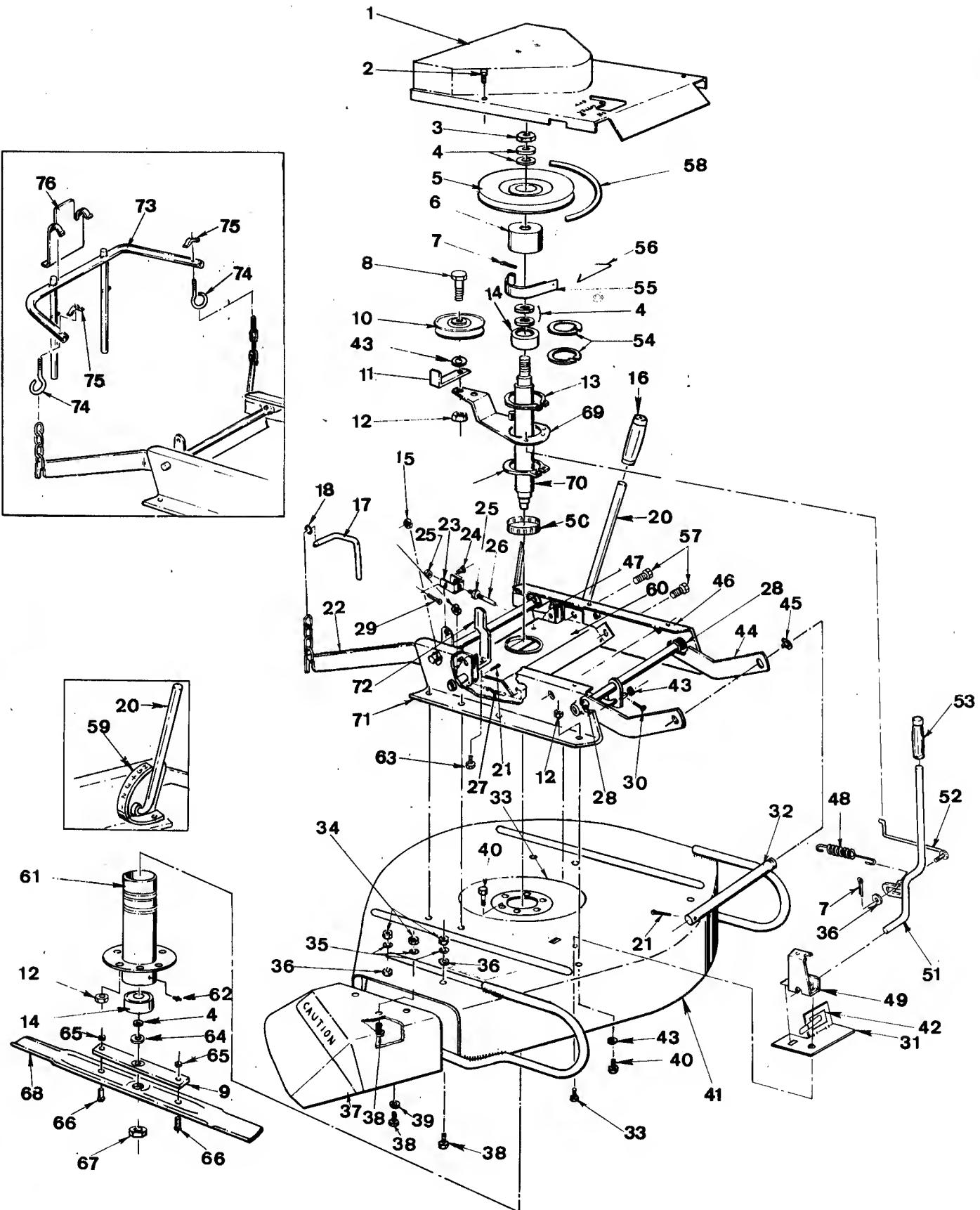


SPINDLE, CUTTER UNIT AND LIFT, 26" - 30" RIDING MOWER

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.	
1.	5-0749	Spindle Cover Assembly	1	39.	1-1763	Fender Washer	1	
2.	9-0302	1/4-20 x 3/8 Self Tapping Screw	5	40.	9-0292	3/8-24 x 3/4 HHCS	9	
3.	1-0027	Jam Nut	1	41.	4-7323	Deck, 30" Comet	1	
4.	1-0935	Washer	5	42.	5-0810	Deck, 26" Comet	1	
5.	1-0787	Spindle Pulley	1	43.	9-0122	Switch Assembly	1	
6.	3-0817	Brake Drum	1	44.	4-7710	3/8 Washer	8	
7.	9-0037	3/32 x 3/4 Cotter Pin	2	45.	1-0739	Front Lift Arm Structure	1	
8.	9-0161	3/8-24 x 1-3/4 HHCS	1	46.	3-7709	Retaining Ring	3	
9.	3-1184	Blade Holder	1	47.	1-0737	Left Hand Rail	1	
10.	1-1029	Idler Pulley, 3/8 Bore	1	48.	1-2057	Roll Pin	2	
11.	3-0982	Restrictor	1	49.	3-7714	Idler Spring	1	
12.	9-0289	3/8-24 Lock Nut	10	50.	1-0741	Handle Mount	1	
13.	1-0740	Retaining Ring	2	51.	4-0411	Tolerance Ring	1	
14.	1-0696	Bearing	2	52.	1-2055	Blade Control Handle	1	
15.	1-2068	Grip (Blue)	2	53.	1-0681	Idler Control Rod	1	
16.	1-0684	Grip	1	54.	1-1051	Grip	1	
17.	4-0385	Chain Arm, R.H.	1	55.	5-0627	Retaining Ring	2	
17.	4-0386	Chain Arm, L.H. (not shown)	1	56.	1-2230	Spindle Brake Assembly	1	
18.	1-1812	"O" Ring	2	57.	9-0324	Wire Link	1	
19.	1-0996	Ring (White)	2	58.	1-0749	3/8 x 16 x 1 HWST	4	
20.	4-7712	Cam Structure	1	59.	3-1193	Belt	1	
21.	9-0364	5/32 x 1" Cotter Pin	2	60.	3-1838	Indicator Plate	1	
22.	4-7711	5/32 x 1" Cotter Pin	1	61.	5-0696	Top Brace	1	
23.	3-1837	Rear Lift Arm Structure	1	62.	4-0412	Spindle Housing Assembly	1	
24.	1-0736	Clevis	1	63.	1-0817	Spindle Housing Structure	1	
25.	9-0155	Clevis Pin	1	64.	9-0361	Alemite Fitting	1	
26.	1-2030	3/8-24 Hex Nut	2	65.	5/16-18 x 5/8 HWST	1		
27.	1-1074	Timing Rod	1	66.	3-1183	5/16-18 x 5/8 HWST	1	
28.	1-2067	Spring	1	67.	9-0491	Washer	1	
29.	9-0037	Ring (Red)	2	68.	9-0356	1/2-20 Hex Lock Nut	2	
30.	9-0365	3/32 x 3/4 Cotter Pin	1	69.	1-8069	1/2-20 x 1-1/4 HHCS,	2	
31.	3-7715	1/8 x 3/4 Cotter Pin	1	70.	68.	Grade 5	1	
32.	2-0882	Switch Adapter	1	71.	4-7725	5/8-18 Hex Lock Nut	1	
33.	9-0362	Support Rod	1	72.	1-8068	Cutter Bar, 30" Comet	1	
34.	9-0095	1/4-20 x 5/8 Hex Washer,	1	73.	4-7716	Cutter Bar, 26" Comet	1	
35.	9-0053	Self Tapping	1	74.	2-1742	Idler Arm Structure	1	
36.	9-0055	1/4 Internal Tooth	3	75.	3-7710	Spindle Shaft	1	
37.	4-0402	Lock Washer	3	76.	73.	Right Hand Rail	1	
38.	9-0101	1/4 SAE Washer	4	77.	4-7725	3-1855	Belt Guide	1
		Deflector Str.	1	78.	5-0637	Chain Arm Structure	1	
		1/4-28 x 3/4 HHCS	3	79.	4-7725	Chain Hook	2	
				80.	5-0695	3-1928	Chain Adjusting Nut	2
				81.	3-7759	5-0638	Heat Shield	1

MAJOR ASSEMBLIES

5-0638	30" Cutter Unit Complete	1
5-0637	26" Cutter Unit Complete	1
5-0695	Spindle Assembly	1



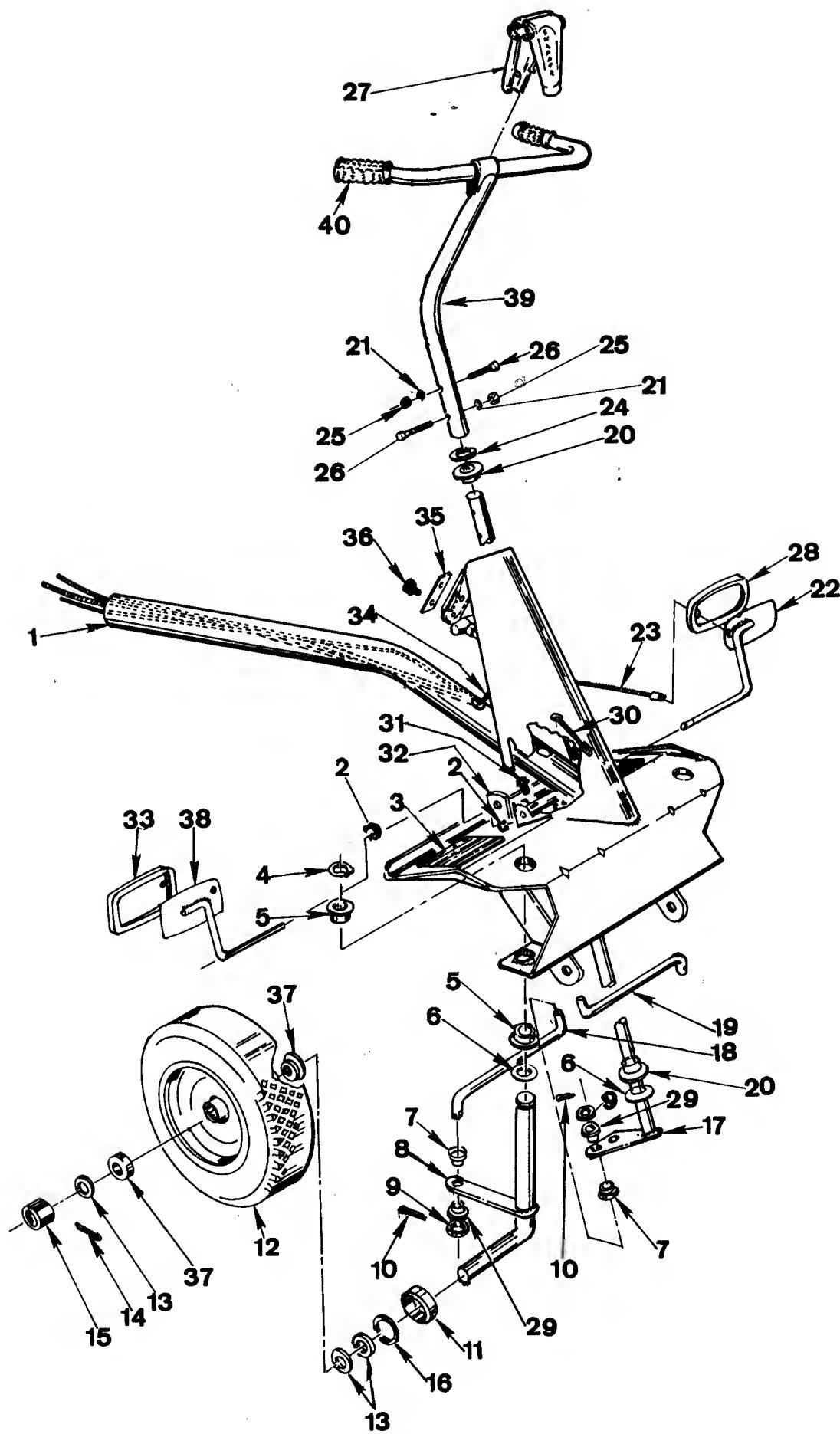
FRONT WHEELS, FRONT END AND STEERING

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1.	4-9558	Front Axle	1	21.	9-0053	1/4 Internal Tooth Lock Washer	2
2.	1-0776	Retaining Ring	2	22.	4-7327	Pedal	1
3.	1-1020	Foot Pad	2	23.	1-2425	Cable	1
4.	1-0746	Retaining Ring	2	24.	1-0690	Shim Washer	2
5.	1-0986	Bearing	4	25.	9-0095	1/4-28 Hex Nut	2
6.	9-0183	Washer	1	26.	1-2175	Tapered Head Bolt	2
7.	1-1100	Bearing Half	4	27.	1-9517	Cover	1
8.	4-0361	King Pin, R.H.	1		1-8077	Comet Decal (Not Shown)	1
8.	4-0362	King Pin, L.H. (Not Shown)	1		1-8076	Snapper Decal (Not Shown)	1
9.	9-0122	3/8" SAE Washer	5	28.	1-1815	Pedal Pad	1
10.	9-0357	3/16 x 3/4 Cotter Pin	4	29.	1-1099	Bearing Half	4
11.	3-1038	Dust Cap	2	30.	1-2426	Brake Cable	1
12.	5-7240	Wheel Assembly, 26"	2	31.	9-0361	5/16-18 x 5/8 HW ST	2
12.	5-0618	Wheel Assy., 30" (complete)	2	32.	3-1191	Brake Mount	1
	1-0819	Rim W/O Ball Bearings	1	33.	1-1747	Brake Pad	1
	1-0820	Tire	1	34.	1-2061	Throttle Control	
	1-0821	Tube (Mfrs. Option)	1	34.	1-1991	Tecumseh Engine	1
	1-1807	Ball Bearing, 1-3/8 O. D.	2	34.	1-2151	Throttle Control, Briggs 8 H.P. Engine	1
	1-0138	Grease Fitting	1	35.	1-1165	Throttle Control, Briggs 5 H.P. Engine	1
	1-2234	Valve Stem	1	36.	9-0307	Throttle Plate	1
13.	1-0935	Washer	6	37.	1-1807	10/24 x 5/8" WFCS ST.	2
14.	9-0364	5/32 x 1 Cotter Pin	3	38.	4-7345	Ball Bearing	4
15.	1-1022	Hub Cap	2	39.	4-7717	Brake Pedal	1
16.	3-1179	Felt Washer	2	40.	1-2031	Steering Wheel Grip	1
17.	4-0344	Steering Shaft	1				2
18.	3-1058	Tie Rod, R.H.	1				
19.	3-1057	Tie Rod, L.H.	1				
20.	1-0694	Nylon Bushing	2				

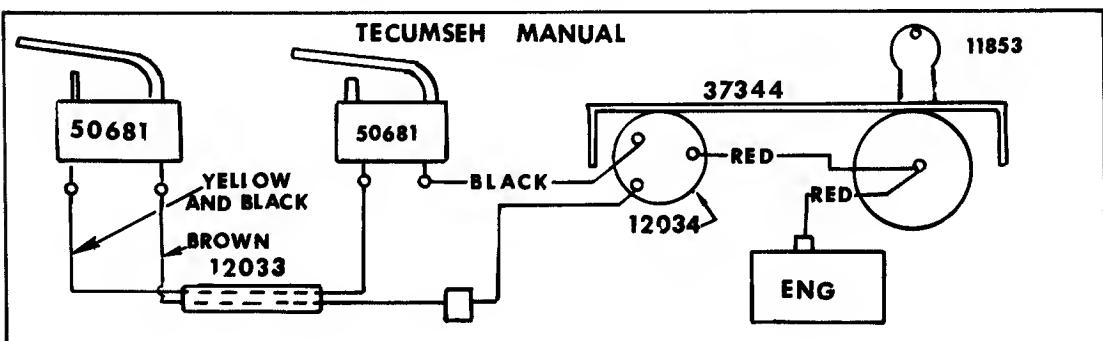
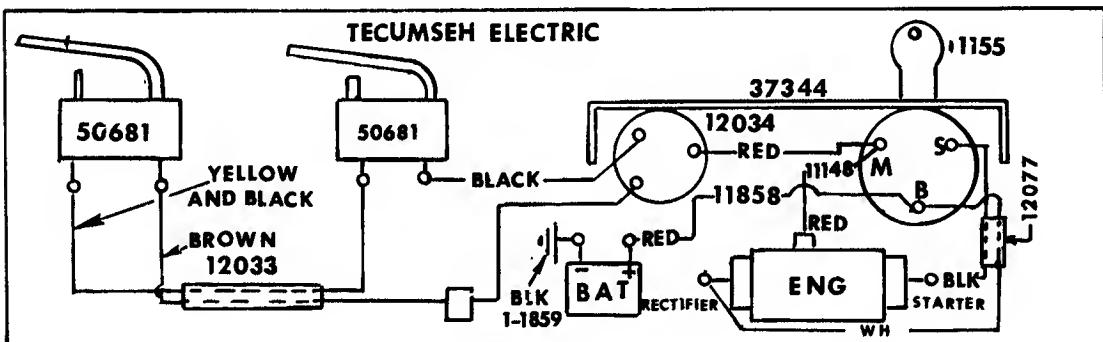
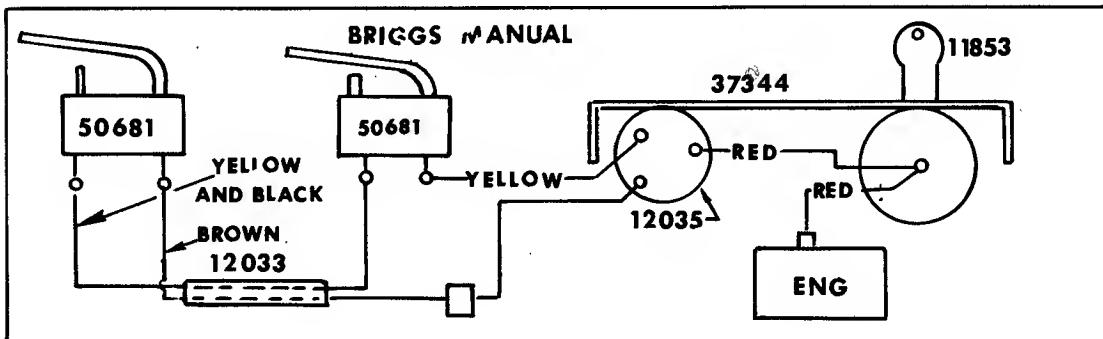
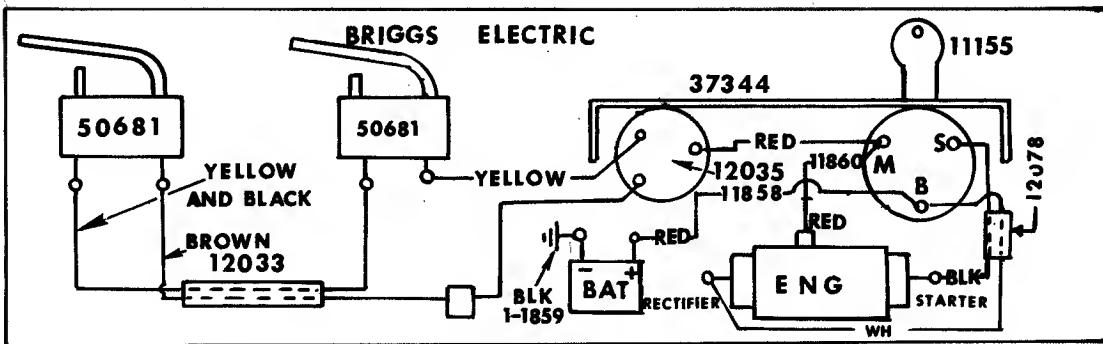
OPTIONAL EQUIPMENT

To increase the usefulness of your Snapper Riding Mower, the following kits may be obtained as Optional Equipment.

- 6-0049 Tire Chains, 16 x 4.80 — 8 Tires
- 6-0119 Tire Chains, 16 x 6.50 — 8 Tires
- 6-0111 Leaf Mulcher, 26" — 1967 and later
- 6-0118 Leaf Mulcher, 30" — 1968 and later
- 6-0183 Grass Catcher Kit — All 26" and 30" Riders
- 6-0197 Load Carrier Kit — All X Series Riders and later
- 6-0299 Snapper Wagon — All Riding Mowers
- 6-0294 Dozer Blade — All X Series Riders and later



WIRING DIAGRAM



IT IS THE POLICY OF McDONOUGH POWER EQUIPMENT, INC. TO IMPROVE ITS PRODUCTS WHENEVER IT IS POSSIBLE AND PRACTICAL TO DO SO. WE RESERVE THE RIGHT TO MAKE CHANGES OR ADD IMPROVEMENTS AT ANY TIME WITHOUT INCURRING ANY OBLIGATION TO MAKE SUCH CHANGES ON PRODUCTS MANUFACTURED PREVIOUSLY.